

Comparisons of Job Characteristics

Focus Occupation: [First-Line Supervisors of Mechanics, Installers, and Repairers \(49-1011\)](#)

Associated Occupation: [Telecommunications Line Installers and Repairers \(49-9052\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 57

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Telecommunications Line Installers and Repairers (49-9052)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Telecommunications | 3.9 | 14.0 | 7.3 | << Extensive education and/or training may be required |
| Customer and Personal Service | 11.3 | 13.8 | 15.9 | > Current knowledge level is likely sufficient |
| Computers and Electronics | 8.4 | 10.4 | 10.9 | 0 Current knowledge level may be sufficient |
| Engineering and Technology | 5.7 | 8.7 | 12.2 | >> Current knowledge level is likely more than sufficient |
| Design | 5.2 | 6.8 | 9.1 | >> Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 50

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Telecommunications Line Installers and Repairers (49-9052)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Troubleshooting | 4.5 | 9.8 | 10.4 | 0 Current skill level may be sufficient |
| Operation Monitoring | 6.6 | 9.3 | 10.1 | 0 Current skill level may be sufficient |
| Operation and Control | 5.4 | 9.1 | 8.5 | 0 Current skill level may be sufficient |
| Equipment Maintenance | 3.5 | 8.3 | 10.1 | > Skill level is likely sufficient |
| Repairing | 3.4 | 7.1 | 10.0 | >> Skill level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 66 | | | |
|--|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) | | | | | |
| Associated Occupation: Telecommunications Line Installers and Repairers (49-9052) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Extent Flexibility | 4.8 | 11.1 | 5.3 | << | Extensive improvement in abilities may be required |
| Control Precision | 6.6 | 10.7 | 9.1 | < | Some improvement in abilities may be required |
| Multilimb Coordination | 6.0 | 10.6 | 9.0 | < | Some improvement in abilities may be required |
| Visual Color Discrimination | 6.4 | 9.6 | 9.1 | 0 | Current ability level may be sufficient |
| Time Sharing | 6.6 | 8.5 | 7.3 | < | Some improvement in abilities may be required |
| Gross Body Equilibrium | 3.2 | 6.9 | 3.8 | << | Extensive improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 44 | |
|---|--|---|--|
| Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Telecommunications Line Installers and Repairers (49-9052) | | | |
| Work Activities | | Exclusivity of Activity | |
| Read blueprints | | 10 | |
| Read schematics | | 34 | |
| Read technical drawings | | 7 | |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Tools and Technologies that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 69 | |
|---|--|---|--|
| Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Telecommunications Line Installers and Repairers (49-9052) | | | |
| Tools and Technologies | | Exclusivity | |
| Business function specific software | | 1 | |

| | |
|--|---|
| Computers | 1 |
| Data management and query software | 1 |
| Finance accounting and enterprise resource planning ERP software | 2 |
| Network applications software | 1 |
| Personal communication devices | 2 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.